

ABSTRACT OF THE DISCLOSURE

1 An Instruction Pointer (IP) signal is received comprising an IP tag field and an IP set
2 field. A plurality of entries corresponding to the IP set field are read, each of the entries
3 comprising an entry tag, an entry bank, and entry data. Each entry tag and entry bank is then
4 compared with the IP tag and each of the plurality of banks. In one embodiment, the IP tag is
5 concatenated with a number representing one of the plurality of banks and compared to the entry
6 tag and entry bank. Separate comparisons may then be performed for each of the other banks.